Refrigerator - Freezer EN

Thank you for your trust and for buying this appliance. We hope it will successfully serve the purpose for many years.

Refrigerator with freezer is for domestic use only.
The lower part of the appliance is refrigerator and is used for storing fresh foods at the temperature of 0°C and higher.

The upper part is freezer and is used for freezing fresh foods and storing frozen foods for longer periods of time (up to one year, depending on the kind of foods you store). The compartment is marked with four stars.

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Before Putting Into Use

- Before connecting the appliance to the mains supply, place it on the location where it will later on be installed and leave it for about 2 hours, which will reduce a possibility of malfunctions in the cooling system due to transport handling.
- Clean the appliance, and be thorough, especially in the interior (See Cleaning and Maintenance).
- In case the interior accessories are not correctly placed, rearrange them as described in chapter Description of the Appliance.

Instructions for Use

These instructions for use are intended for the user. They describe the appliance and its correct and safe use. They were prepared for various types of refrigerators therefore you might find in it some functions that do not apply to your appliance and description of the accesories that your appliance does not include.

Mounting Instructions

Integrated appliances are equipped with instructions for mounting the appliance into the kitchen unit. The appliance should be mounted by qualified technician and instructions are for his use only.

We Care for the Environment

- Our products use environmentally friendly packaging, which can be either recycled or disposed of in an environmentally friendly manner. To this end, individual packaging materials are clearly marked.
- These instructions are printed either on recycled paper or chlorine free bleached paper.
- When your appliance finally wears out, please try not to burden the environment with

it; call your nearest authorised service agent. (See Disposing of the Worn Out Appliance)

Tips for Energy Savings

- Try not to open the door too often, especially when the weather is wet and hot. Once you open the door, mind to close it as soon as possible. This is especially important if you have an upright model.
- Every now and then check if the appliance is sufficiently ventilated (adequate air circulation behind the appliance).
- Use higher thermostat settings only when required or recommended.
- Before loading the appliance with packages of fresh foods, make sure they are cooled to ambient temperature.
- Ice and frost layer increase energy consumption, so do clean the appliance as soon as the layer is 3-5 mm thick.
- If the gasket is damaged or if it turns out that the sealing is poor, the energy consumption is substantially higher. To restore efficiency, replace the gasket.
- The condenser on the rear wall should be always clean, free of dust or any impurities.
- Always consider instructions stated in sections Positioning and Energy Saving Tips, otherwise the energy consumption is substantially higher.

⚠ Important

- If you have bought this appliance to replace an old one equipped with a lock that cannot be opened from inside (lock, bolt), make sure that the lock is broken. This will make it impossible for children to lock themselves inside the appliance and suffocate.
- The appliance must be correctly connected to the mains supply. (see: Connecting to the Mains Supply).
- Do not touch the cooled surfaces while the appliance operates, especially not with wet hands, because the skin may stick to the cold surfaces.
- Do not freeze bottles containing liquid, especially not soft drinks, such as mineral water, sparkling wine, beer, cola etc., because liquid expands during freezing and the glass bottle is very likely to blow up.
- Do not eat frozen food (bread, fruit, vegetables), because you can get frostbites.
- If the food has strange smell or color, throw it away, because it is very likely that it is spoiled and therefore dangerous to eat.
- Disconnect the appliance from the power supply before repairing it (only a qualified technician should repair it), before cleaning and before replacing the light bulb.
- Do not defrost the appliance with other electric appliances (as for example with hair dryer) and never scrape the frost layer with sharp objects. Use only enclosed tools or tools recommended by the manufacturer.
- For the sake of environment protection - be careful not to damage the rear wall of the appliance (the condenser unit or the tubes - for example when moving the appliance) or any part of the refrigerating system inside the appliance.
- The refrigerating system of the appliance is filled with refrigerant and oil, so when the appliance is damaged, handle it with care and dispose it of in compliance with environmental protecting precautions. (See We Care for the Environment).
- If the supply cord is damaged, it must be replaced by the manufacturer or his service agent or a qualified person in order to avoid hazard.
- The rating plate is inside the appliance or outside on the rear wall.

Disposing of the Worn Out Appliance

- When your appliance finally wears out, dispose it of. If the appliance has a lock, break it, in order to prevent eventual accidents (danger of children get locked inside the appliance).
- The refrigerating system of the appliance is filled with refrigerant and insulating substances which should be separately treated and processed. Call your nearest authorised service agent or specialised servicing centre. If you don't find one, contact your local authorities or your distributor. Be careful not to damage the tubes on the rear wall of the appliance (danger of pollution).

Placing and Installation

Choosing the Right Place

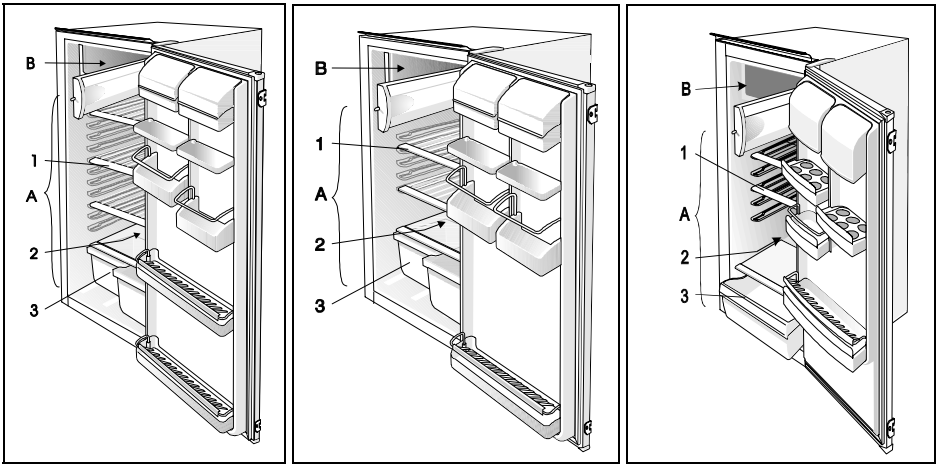
Place the appliance in dry and regularly ventilated room. Allowed ambient temperature depends on the model (class) of the appliance and is stated on the rating plate of the appliance. Never place the appliance near heat emitting devices (e.g. cooker, radiator, water heater or similar devices) and do not expose it to direct sunlight. The appliance should be positioned at least 3 cm away from the electric or gas cooker and at least 30 cm away from the oil or coal stove. If this is not possible, use an appropriate insulation. Behind the appliance there should be free space at least 200 cm^2 wide and above the appliance the high kitchen units should be at least 5 cm away from the appliance in order to assure adequate ventilation of the condenser unit.

Class	Ambient temparature
SN (sub-normal)	from + 10°C to + 32°C
N (normal)	from + 16°C to + 32°C
ST (sub-tropical)	from + 18°C to + 38°C
T (tropical)	from + 18°C to + 43°C

Connection to Power Supply

Connect the appliance with the cable and plug to the power supply socket outlet with a ground terminal (safety socket). Required nominal voltage and frequency are indicated on the rating plate. The connection to the mains supply and earthing have to be made according to current standards and regulations. The appliance resists temporary voltage tolerance up to -15 to +10 %.

Description of the Appliance



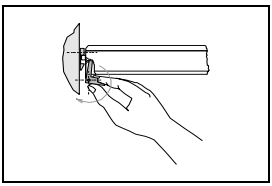
Refrigerator (A)

Refrigerator is used for storing fresh foods for few days.

Freezer (B)

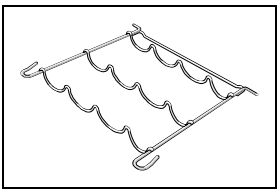
Freezer is used for freezing fresh foods and for storing already frozen foods.

Opening the freezer door



Shelf (1)
(number depends on the model)
Shelf can be optionally placed on the guides inside the appliance. It is protected against pulling out. If you want to remove it, slightly lift up the back part and pull it out.
Glass shelves (some models only have them) are protected with plastic spacers. Before pulling the shelf out, spacers must be moved towards you. Spacers can be also removed, however, it is better to keep them for any later transport.
Quickly perishable food should be stored on the back i.e. the coldest part of the shelves.

Bottle rack
(in some models only)
Bottle rack (number depends on model) is intended for storing the bottles. There are two installation positions available (horizontal or lifted in the front) thus enabling the positioning of bottles on the stopper as well. It is protected against pulling out. If you want to pull it out, simply lift its rear part and pull it towards you.



Warning!
If the door contains storing shelves, install the rack in such position that the length of the bottles will not hinder the closing of the door. The rack may carry 9 bottles of 0,75 l or more at the maximum (total weight max. 13 kg) – note the label underneath the thermostat box inside the appliance.

Defrost Water Outlet (2)
Regularly check the defrost water outlet and the channel, because they should never be clogged (as for example with food rests). If clogged, use a plastic straw and clean it.

Fruit and Vegetable Container (3)
The container is on the bottom under the glass shelf and is used mainly for storing fruits and vegetables. It provides adequate humidity which has favourable effect on food stored.

Door Liner
The door liner consists of various shelves or holders used for storing eggs, cheese, butter and yogurt as well as other smaller packages, tubes, cans etc. The lower shelf is used for storing bottles.

Illumination in the Interior of the Refrigerator
The light for illuminating the interior of the appliance is on, when the door is opened. The operation of the light does not depend on the position of the thermostat knob.

NOTE:
- The appliance can be equipped with various accesories, depending on the model of the appliance.
- Various accesories (spice container, tube holder or additional shelves and drawer partitions) can be bought in authorized centres.

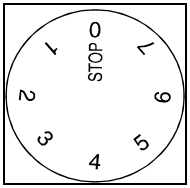
Operation Control

The appliance is controlled with thermostat knob, situated in the right upper part inside the appliance. Turn the knob clockwise from **STOP (0)** position towards **7** and backwards.

Temperature Selection

- Higher settings on the knob (towards **7**) mean lower temperatures (colder) in all three compartments of the appliance. At higher settings temperature in the interior of the appliance may even drop below 0°C. When the ambient temperature is normal, we recommend medium setting.
- Changes of the ambient temprature affect temperature in the interior of the appliance (choose correct setting of the thermostat knob).
- In **STOP (0)** position the appliance does not operate (the cooling system is switched off), yet power supply is not interrupted (the light is on, when you open the refrigerator door).

- Temperature in the refrigerator and in freezing compartment depends on the frequency of opening the door as well.



Use

Storing Fresh Foods

Proper use of the appliance, adequately packed food, correct temperature and taking into account hygienic precautions will substantially influence the quality of the food stored.

- Foods to be stored in the refrigerator should be properly packed as to prevent mixing various moisture degrees and odors (in polyethylene bags or sheet, aluminium foil, wax paper, or stored in covered containers or bottles).
- Before storing food in the refrigerator, remove the excessive packaging (like yoghurt in multi-package).
- Pack systematically and make sure that foodstuffs do not touch each other (various odours may mix). Assure adequate air circulation around packages.
- Never store inflammable, volatile or explosive substances.
- Beverages with high alcohol percentage shall be stored in tightly sealed bottles in vertical position.
- Food should not touch the rear wall of the refrigerator!
- Some organic solutions like volatile oils in lemon and orange peel, acid in butter etc. can cause damages when in contact with plastic surfaces or gaskets for longer period of time.
- Foods should be cooled down before storing.
- Crispy and delicate foods should be stored in the coldest parts of the refrigerator.
- Try not to open the door too often.
- Set the thermostat to the setting where lower temperatures are reached. Set the thermostat gradually as to avoid freezing of the foods. Use a thermometer and measure the temperature in the individual compartments. Place the thermostat in a glass vessel filled with water. Temperature readings are most reliable few hour after steady state is reached.
- Unpleasant odor inside the refrigerator is a sign that something is wrong with foods or that your refrigerator needs cleaning. Unpleasant odor can be eliminated or reduced by washing the interior of the refrigerator with a mild solution of water and vinegar. We also recommend using activated carbon filters to clean the air or to neutralize odors.
- If you plan a longer journey, make sure to remove quickly perishable articles of food out of the appliance before you leave.

Fresh Food Storage Time in the Refrigerator

Article of food	Storage time (days)													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Butter	+	+	+	+	+	+	+	=	=	=	=	=		
Eggs	+	+	+	+	+	+	+	+	+	+	=	=	=	=
Meat: fresh uncut	+	+	=											
chopped	+	=												
smoked	+	+	+	+	+	+	+	+	+	+	=	=	=	=
Fish	+	=												
Marinade	+	+	+	+	+	+	+	+	+	+	=	=	=	=
Root	+	+	+	+	+	+	+	+	=	=	=	=	=	=
Cheese	+	+	+	+	=	=	=	=	=	=	=	=	=	=
Sweets	+	+	=	=	=	=								
Fruit	+	+	=	=	=	=	=	=	=	=				
Prepared dishes	+	+	=	=										

Legend: + reccomended storage time = possible storage time

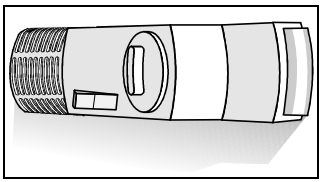
Freezing Fresh Foods

- Carefully select food you intend to freeze; it should be of adequate quality and suitable for freezing.
- Use correct packaging and wrap it right.
  - The packaging should be air tight and shouldn't leak since this could cause substantial vitamin loss and dehydration of foods.
  - Foils and bags should be soft enough to tightly wrap around the foods.
- Mark packages with following data: kind and amount of foods and the date of loading.
- It is most important that the food is frozen as quickly as possible. Therefore we recommend the size of the package not to be too large and to be cooled before loading into the freezer.
- The amount of fresh foods that can be loaded in the freezer within 24 hours is indicated on the rating plate (freezing capacity). If the loaded amount is too large, the quality of freezing is reduced which affects the quality of frozen foods.

Freezing Procedure

- Before it starts freezing, set the thermostat to the position **3-6** for 24 hours. If you have a model with integrated switch for intensive cooling, turn ON the switch. After 24 hours load the appliance with fresh load packages. 24 hours from the time when fresh food was put in the appliance turn the thermostat dial to the operating temperature (see temperature selection). At the above mentioned model it is necessary to **turn OFF the switch**, which has previously been engaged.

  The switch is ON when the marking ❄ (**I**)or colour marking is visible, and OFF when the marking ✳ (**0**) is visible or colour marking is not visible (depending on model).



- The next time you want to freeze fresh foods, repeat the freezing procedure and be careful that packages with fresh foods do not touch frozen packages.
- For freezing smaller amount of foods (up to 1 kg) there is no need to change the thermostat setting (see Temperature Selection).

Storing Frozen Foods

Frozen foods can be stored on the bottom of the appliance or on the shelf.

Commercially Frozen Foods

The storage time and the recommended temperature for storing commercially frozen foods are indicated on the packaging. For storing and using consider the manufacturer's instruction. When shopping, be careful and choose only adequately packed foods provided with complete data and stored in freezers

where the temperature is not higher than -18°C. Do not buy packages of food covered with frost layer. This indicates that the package was thawed before at least once. Be careful that packages don't start to thaw, as the temperature raise reduces the quality of foods.

Approximate Storage Time for Frozen Foods

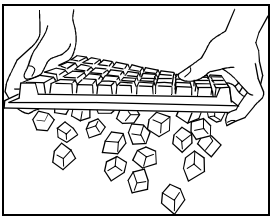
Food	Storage time (in months)											
	1	2	3	4	5	6	7	8	9	10	11	12
Vegetable								+	+	+		
Fruit										+	+	+
Braed, Pastries			+									
Milk			+									
Redy-made meals			+									
Meat: Beef										+	+	+
Veal								+	+	+		
Pork				+	+	+						
Poultry								+	+	+		
Game						+	+	+				
Minced meat				+								
Smoked sausages	+											
Fish: lean			+									
fat	+											
Offal		+										

Defrosting Frozen Food

Partially thawed or defrosted foods should be used as soon as possible. Cold air preserves the food but it does not destroy microorganisms which rapidly activate after defrosting and make foods perishable. Partial defrosting reduces the nutritional value of foods, especially of fruits, vegetables and ready-made meals.

How to make ice cubes

Recommended thermostat position for ice making is on the middle setting. Fill two thirds of the ice tray with cold water or any other liquid convenient for freezing. Insert the ice tray into the guides or on the cooling plate.Time required for the ice to form, largely depends on ambient temperature, thermostat setting and on how often you open the door. It usually takes 2-6 hours (depends on which model of refrigerator you have). With smaller refrigerators we recommend you make a stock of ice cubes (store them in a separate plastic box). The easiest way to empty the ice tray is to turn the tray around, pour it with cold water and slightly twist it (bend it).



Maintenance and Cleaning

Automatic Defrosting of the Refrigerator

There is no need to defrost the refrigerator, because ice depositing on the inner back wall is defrosted automatically. Ice is depositing on the inner back wall during the compressor operation; later on, when the compressor is not operating ice is defrosting and water drops collect and drain through the outlet in the inner back wall into the drain pan situated above the compressor, from where it evaporates.

Manual Defrosting of the Frezing Compartment

When the frost and ice layer in the frezing compartment is 3-5 mm thick, you should clean the freezer.

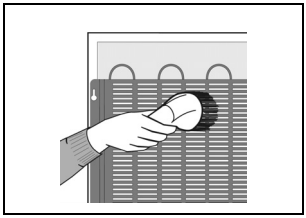
- Turn the thermostat knob to **STOP (0)** position, and disconnect the power supply. Empty the compartment and take care that the packages remain frozen.

- Put a suitable vessel under the frezing compartment to collect the defrost water. Leave the door of the compartment open to accelerate defrosting.
- Avoid using defrosting sprays, as they may cause damage to the plastic parts and may be hazardous to health.

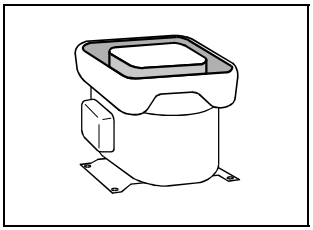
Cleaning the Appliance

Disconnect the power supply before cleaning the appliance.
Do not use coarse or aggressive cleaning agents as you can damage the surface.
Be careful to remove any cleanser agent remaining after cleaning.

- Clean the **exterior** with water and detergent. Varnished surfaces are cleaned with soft cloth and an alcohol based cleaning agent (for example glass cleaners). You may also use alcohol (ethanol or isoprophylic alcohol). The application of abrasive and specially aggressive cleaners, such as the stainless steel cleaners, is not appropriate for the cleaning of plastic and coated parts.
- Remove the **detachable accesories** in the interior of the appliance and clean it with water and liquid detergent. Plastic parts cannot be washed in washing machine.
- Wash the **interior** of the appliance with lukewarm water, in which you added one or two spoonfuls of vinegar.
- Every now and then wipe the **condenser** on the rear wall. Use soft non-metal brush or vacuum cleaner.



- Do not forget to clean also the defrost water **receptacle** above the refrigerator compressor (do not remove the receptacle).



After cleaning, connect the appliance to power supply and reload the packages.

Switch Off the Appliance When Not In Use

If you do not intend to use the appliance for a longer period, set the thermostat knob to the **STOP (0)** position, disconnect the power supply, take out the foods and defrost and clean the appliance. Leave the door slightly open.

⑦ Trouble-Shooting Guide

During the service, you can come across some troubles that in most cases result from improper handling of the appliance and can easy be eliminated.

The Appliance Fails to Operate After connecting to the Mains Supply

- Check the supply in the outlet socket and make sure the appliance is switched on (thermostat in operating position).

Continuous Operation of the Refrigerating System

- the door was frequently opened or it was left opened for too long;
- the door is not properly closed (the door may sag, the gasket may be polluted or damaged);
- perhaps you have overloaded the appliance with fresh foods;
- The reason may be inadequate ventilation of the compressor and condenser (assure adequate air circulation and wipe off the condenser);
- Continuous operation button activated (see section Freezing of Food).

Ice Formation on the Inner Rear Wall

As long as the defrost water runs to the channel and through the opening to the drain

pan on the compressor, automatic defrosting of the appliance is assured.
In case the ice formation on the inner back wall is increased (3-5 mm), ice should be manually defrosted.
Set the thermostat knob to **STOP (0)** position and leave the door open. Never use electric devices for defrosting and do not scrape the ice or frost layer with sharp objects.
After completed defrosting, turn the knob to desired position and close the refrigerator door.
The cause of increased ice formation may be one of the following:

- the door does not seal well (clean the gasket if it is contaminated, or replace it if it is damaged);
- the door was frequently opened or it was left opened for too long;
- the food stored in the refrigerator was warm;
- the food or dish is touching the inner back wall.

Water is Leaking From the Refrigerator

In case the discharge water outlet is clogged, or the defrost water drips over the channel, water leaks from the refrigerator.

- Clean the clogged opening, for example with a plastic straw.
- Manually defrost the increased ice layer. See Ice Formation on the Inner Back Wall.

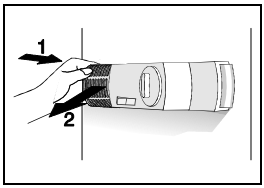
Noise

Cooling in refrigerating-freezing appliances is enabled by the refrigerating system with compressor, which produces noise. How noisy the appliance is depends on where it is placed, how it is used and how old the appliance is.

- **During the operation** of the compressor the noise of liquid is heard and when the compressor is not operating, the refrigerant flow is heard. This is a normal condition and it has no influence whatsoever on the lifetime of the appliance.
- **After starting the appliance,** the operation of the compressor and the refrigerant flow may be louder, which does not mean that something is wrong with the appliance and it has no influence on the lifetime of the appliance. Gradually the noise is reduced.
- Sometimes **unusual and stronger noise** is heard, which is rather unusual for the appliance. This noise is often a consequence of inadequate placing.
  - The appliance shall be placed and levelled firmly on solid base.
  - It should not touch the wall or kitchen units standing next to it.
  - Check the accesories in the interior of the appliance, they should be placed correctly in their positions; also check the bottles, tins and other vessels that might touch each other and rattle.

Bulb Replacement

Before replacing the light bulb, disconnect the appliance form the power supply.
Press the cover at the rear side (in the arrow 1 direction) and remove the plastic cover (in the arrow 2 direction). Replace the bulb with a new one (E14, max. 15 W).
Don't forget: the old bulb does not belong to organic waste.
Light bulb is consuming good therefore our in-guarantee service does not relate to it.



WE RESERVE THE RIGHT TO ALTER THE SPECIFICATIONS WITH NO INFLUENCE ON THE OPERATION OF THE APPLIANCE.

Mounting Instructions

Integrated Refrigerating and Freezing Appliances

Mounting instructions for refrigerating and freezing appliances are for qualified technicians only.
Appliance should be mounted and installed in compliance with these instructions, current standards and regulations.

Mounting instructions were prepared for various types/models of appliances, therefore they may describe some procedures that do not apply to your appliance.

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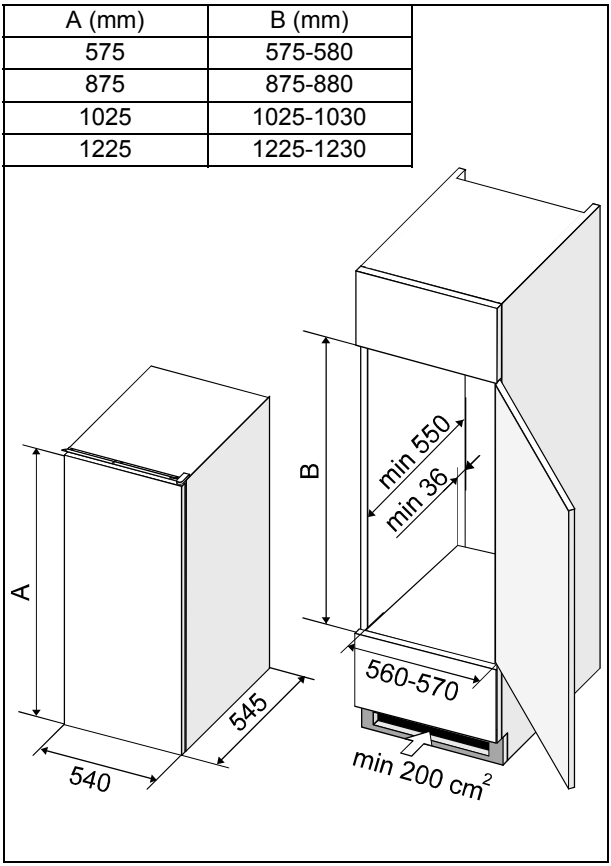
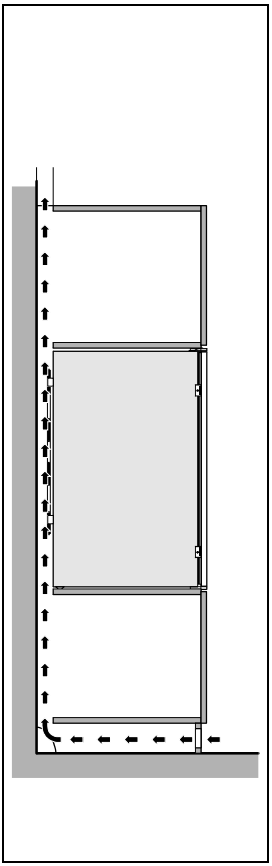
Mounting Dimensions and Required Air Circulation

The rear wall of the appliance is getting warm during the operation of the appliance (and water is evaporating from the drain pan on the compressor). You must therefore provide for adequate air circulation on the rear of the appliance.

- At the base of the kitchen unit intended for building in the integrated appliance, there should be at least 200 cm² free space, for adequate air circulation.
- On the upper part of the appliance the air is coming out, so try not to cover the opening for the outflow air.

A (mm)	B (mm)
575	575-580
875	875-880
1025	1025-1030
1225	1225-1230





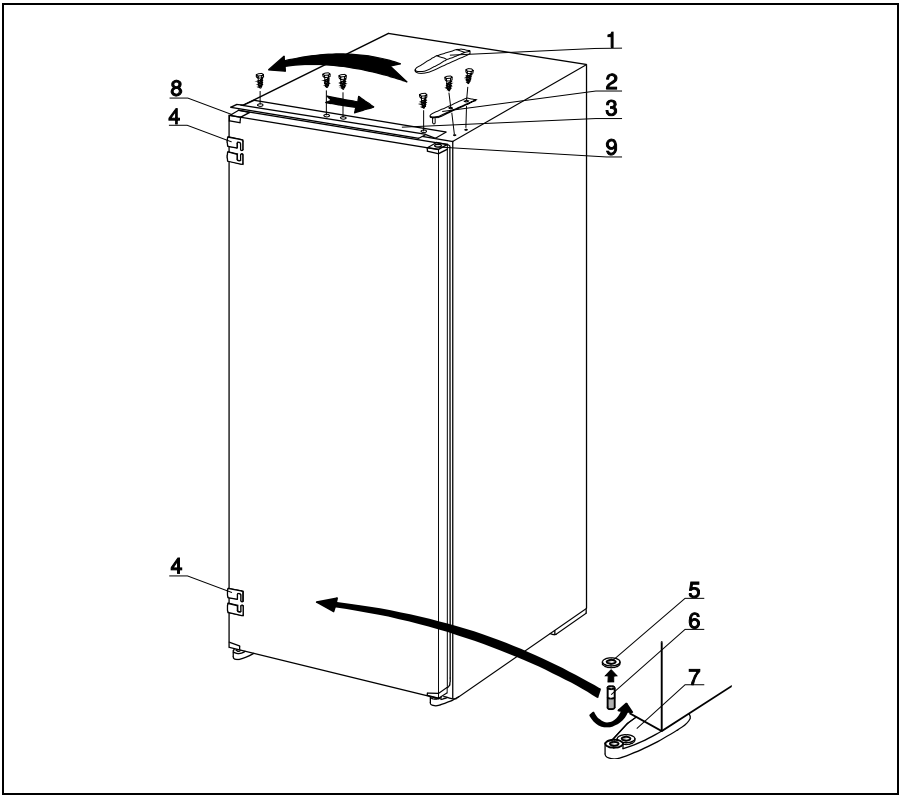
Changing the Direction of Opening the Door

If you find the direction of opening the door on your appliance inconvenient, you can change it. Holes on the opposite side have already been prepared in the factory and are now plugged.

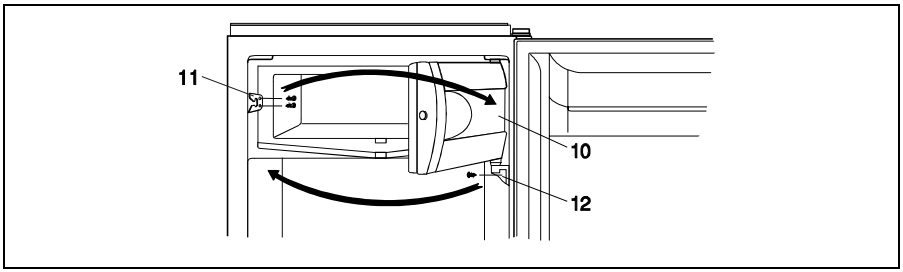
- Remove the cover of the upper hinge, unscrew the hinge and take off the door (the door is not fixed on the lower hinge).
- Unscrew the upper rail, replace it to the opposite side of the appliance and fix it.
- Remove the washer from the lower hinge and unscrew (rotate it in clockwise) the fastener on the lower hinge.
- Replace the fastener and the washer in reverse order into the opening of the lower hinge on the opposite side of the appliance.
- Take off all door corners and interchange them (instead of the corner with a hole insert the one without the hole and vice versa).
- Put the door of the appliance on the lower hinge.
- Fix the upper hinge and cover it.
- Replace the slide guides to the opposite side of the door.
- Plug the remaining holes with decorative caps.
- Check the gasket, it shouldn't be creased and it should seal well. In case it does not fit perfectly, pull it out and rotate for 180°.
  In certain models it is not possible to replace the door gasket. Should the seal not adhere to the casing of the appliance perfectly, it will have to be heated from a suitable distance (by means of hair drier, for example) and lightly stretched to the required height.

Changing the Direction of Opening the Door on the Low Temperature Compartment

- Unscrew the blocking element and the hinge of the low temperature compartment and take off the door.
- Plug the holes with plastic caps provided.
- Turn the door for 180° and replace it on the opposite side of the low temperature compartment. Fix the hinge and the blocking element of the door (position of holes already provided).



1 Cover for the upper hinge
2 Upper hinge
3 Upper rail
4 Slide guide
5 Lower hinge washer
6 Lower hinge fastener
7 Lower hinge
8 Corner without a hole
9 Corner with a hole



10 Low temperature compartment
11 Blocking element
12 Door hinge

Mounting the Appliance

- Push the appliance for some 38 mm into the kitchen unit and allow at least 4 mm free space on both sides between the appliance and the side walls of the kitchen unit (Fig. 1).
- Widely open the door and put it together with the kitchen unit door. The procedure is as follows.
  - Fix the slide guides (attached in a plastic bag along with the screws ST 4,2 x 9,5) to the edge of the door. Cover the open holes with the attached cap.
  - Put together the appliance door and the door of the kitchen unit (Fig. 2).
  - Insert the slides into the guides and fix them on the kitchen unit door some 15 mm from the edge, using the A 4 x 12 screws (Fig. 3).
  - Remove the slide guides and separate the appliance door from the door of the kitchen unit.
  - Fix the slides and be careful not to move them while fixing (Fig. 4).
  - Fix the slide guides to the original position.
  - Close the door and check the gasket (it should not be creased). The door should open and close smoothly.

NOTE:
Appliance with the height of 575 mm have only one slide and one slide guide.

- Fix the appliance into the kitchen unit. On the upper side, fix the three screws A 4 x 12 through the rail and on the lower side with two screws A 4 x 16, through the lower hinges. Drill holes, ø 3 x 5 (Fig. 5).
- Seal the gap on the opposite side of the hinge with the enclosed seal (Fig. 6).

WARNING

Before mounting the appliance into the kitchen unit, disconnect the power supply and set the thermostat knob to STOP (0) position or switch off the ON/OFF switch.

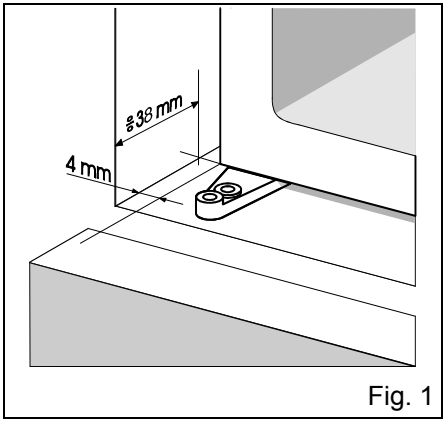


Fig. 1

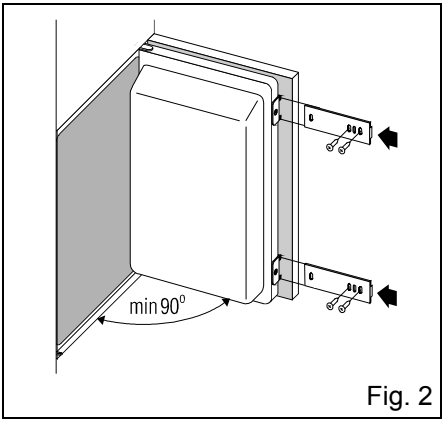


Fig. 2

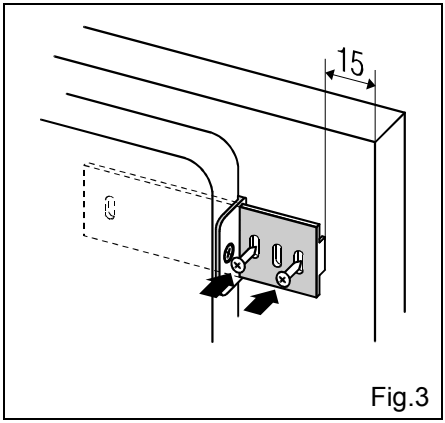


Fig.3

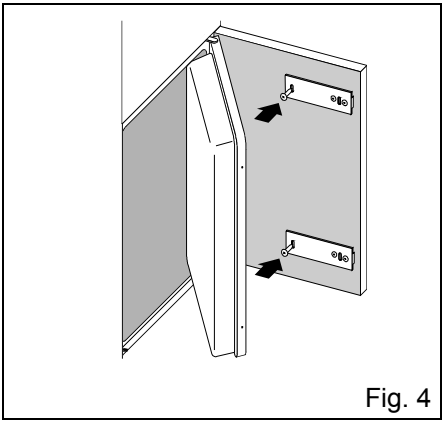


Fig. 4

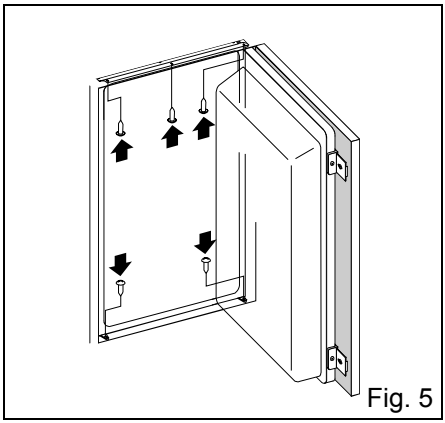


Fig. 5

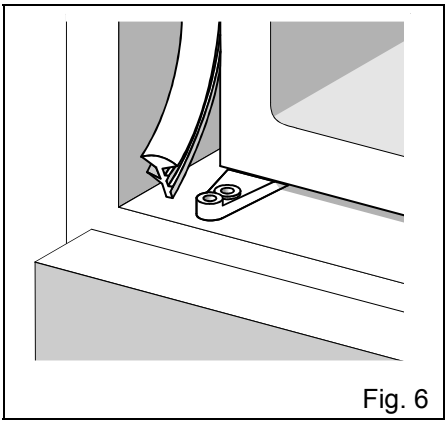


Fig. 6